INTERNATIONAL SEARCH REPORT

international application No.

PCT/US05/25658

A CLAS	B21F 25/00(2006.01); E04H 17/04(2006.01)			
USPC: 256/5,2,8,33,7;29/7.1,7.2,7.3;72/184,185,186,187,10.1,190 According to International Patent Chesification (IPC) or to both metional classification and IPC				
B. PIRLDS SBARCHED				
Minimum documentation searched (classification system followed by classification symbols) U.S.: 256/5,2,8,33,7;29/7-1,7.2,7.3;72/184,185,186,187,10.1,190				
Documentation searched other than uninimum documentation to the extent that such documents are included in the fields searched				
Bicutonic data base consulted during the international search (name of data base and, where practicable, search terms used)				
C DOC	UMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where s	ppropriate, of the relevant passages	Relevant to claim No.	
X	US 5,139,234 (Cochrane)18 August 1992 (18.08.199	2), entire document.	1-10 and 19-24	
Y	US 5,109,583 A (Pavlov) 5 May 1992 (5.5.1992), em	fire document.	2 5- 74	
X/Y	US 3,155,374 A (Sieffert) 3 November 1964 (3.11.1964), entire document.		90-102, 118-121 and 123-125/122	
×	US D429,342 (Binns) 8 August 2000 (8.8.2000), enti	re document.	103, 126-128/104-108 and 129108, and 129	
Y,P	US 2003/0099523 (Pessach et al.) 29 May 2003 (29.5	5.2003), entire document.	104-108 and 129	
. 1				
Further documents are listed in the continuation of Box C. See patent family annex.				
Special entragaries of cited documents: To later dominant published after the international filing date or priority			mathmil filing date or priority	
"A" document defining the general state of the est which is not camidered to be of particular relevance		date and put in conflict with the application that have	ntlon	
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"O" dominant religing to an and disclosure, use, exhibition or other mems being obvious to a parson stilled in the ent				
dominated published prior to the interpational filing date but later than the "E" document member of the same potent family priority date distinct			funity	
Date of the actual completion of the international search Date		Date of mailing of the international scarce	Date of mailing of the international search report	
02 August 2006 (02,08,2006)		16 JAN 2007		
Name and mailing address of the ISA/US Mail Step PCT, Artn: ISA/US		Anthonized officer Nabid Amini	6 ~	
PO 8m 1450				
Aid	xaudria, Virginia 22313-1450	Telephone No. 571-272-8113		
	Form PCT/ISA/210 (second sheet) (April 2005)			

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Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)			
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:			
1.	Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:		
2.	Claims Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:		
3.	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).		
Box No. III	Observations where unity of invention is lacking (Continuation of item 3 of first sheet)		
This International Searching Authority found multiple inventions in this international application, as follows: See USPTO/299 "Chapter 1 PCT Telphone Memorandum For Lack Of Unity Of Invention."			
1	As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims. As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of any additional fees.		
3.	As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:		
4.	No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: 1-10, 19-108, and 118-129.		
Remark on I	payment of a protest fee.		
	The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.		
	No protest accompanied the payment of additional search fees.		

Form PCT/ISA/210 (continuation of first sheet(2)) (April 2005)